

IVANOVA, A.N.; KAL'NOV, Yu.N.; LASTOCHKINA, K.I.; MAKAROVA, I.A.;
KHABAROVA, T.N.

Stratigraphy of Jurassic and Lower Cretaceous sediments in
Astrakhan Province and areas adjacent to the Kalmyk A.S.S.R.
Trudy NVNIIGG no.1:79-86 '64. (MIRA 18:6)

MAKAROVA, I.

Primula obconica. IUn.nat. no.2:29 F '60. (MIRA 13:5)
(Primroses)

MAKAROVA, I.

Salvia, IUn. nat. no.9:28 S '59.
(Salvia)

(MIRA 13:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500034-6

MAKAROVA, I.

Lilium regale. IUn. nat. no.8:12 Ag '59.
(Lilies)

(MIRA 12:10)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500034-6

MAKAROVA, I.

Feonies. IUn, nat. no. 7:29 J1 '59.
(Feonies)

(MIRA 12:9)

MAKAROVA, I.

Hyacinths. IUn. nat. no.1:29 Ja '59.
(Hyacinths)

(MIRA 11:12)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500034-6

~~MAKAROVA, I.~~

Green walls. IUn. nat. no.9:13 S '58.
(Climbing plants)

(MIRA 11:10)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500034-6

MAKAROVA, I.

~~MAKAROVA, I.~~
Roses. IUn. nat. no.8:28 Ag '58.
(Roses)

(MIRA 11:9)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500034-6

MAKAROVA, I.

Blooming bouquets. IUn. nat. no.5:13 My '58.
(Floriculture)

(MIRA 11:5)

MAKAROVA, I.

Asters. IUn.nat. no.4:13 Ap '58.
(Asters)

(MIRA 11:4)

MAKAROVA, I.

MAKAROVA, I.

Hydrangeas. IUn. nat. no.2:29 F '58.
(Hydrangeas)

(WIRA 11:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500034-6

MAKAROVA, I.

MAKAROVA, I.

~~MAKAROVA, I.~~
Amaryllis. IUn.nat.no.12:12 D '57.
(Amaryllis)

(MIRA 10:12)

MAKAROVA, I.

Perennial phlox. IUn. nat. no. 4:12 Ap '57.
(Phlox)

(MIRA 10:6)

MAKAROVA, I.A.

More flowers for the Sixth World Festival of Youth and Students.
Biol.v shkole no.1:57-62 Ja-F '57. (MLRA 10:5)

1.TSentral'naya stantsiya yunyk naturalistov.
(Floriculture)
(Youth--Congresses)

MAKAROVA, I.

Vyrashchivajte rosy [Grow roses]. Moskva, "Molodaya gvardiya", 1952. 30 p.

SC: Monthly List of Russian Acquisitions, Vol 7, No 4, July 1954.

MAKAROVA, I.

Young floriculturists - Followers of Michurin. Prevel.ot ruski A. Karastoiarov
(Sofia) Narodna mladezh (1951) 36 p.

4SB - 239

1. Floriculture

ZHARIKOVA, G.G.; FILIPPOVA, M.S.; MAKAROVA, G.Ya.

Sporulation of *Bacillus brevis* var. G.B. Antibiotiki 8 no.12:1080-
1082 D '63. (MIRA 17:10)

1. Laboratoriya antibiotikov biologo-pochvennogo fakul'teta Moskov-
skogo gosudarstvennogo universiteta.

MAKAROVA, G.V. [Makarova, H.V.]; ZARAYSKAYA, K.N. [Zarais'ka, K.N.];
BORISYUK, Yu.G. [Borysiuk, IU.H.]

Studies on the oil of Salvia sclarea seeds. Farmatsev. zhur.
18 no.5:16-19 '63. (MIRA 17:8)

1. Khar'kovskiy farmatsevticheskiy institut.

MAKAROVA, G. V.

Makarova, G. V. -- "Investigation of the Ethereal and Fatty Oils of the Fruits of Celery and Wild Carrots." Min Public Health USSR, Moscow Pharmaceutical Inst, Khar'kov, 1955 (Dissertation for Degree of Candidate in Pharmaceutical Sciences.)

SO: Knizhnaya Letopis', No. 23, Moscow, Jun 55, pp 87-104

KORNEYEV, A.A., inzh.; MAKAROVA, G.S., inzh.

More on the reliability and life of construction machinery.
Stroil. i dor. mash. 8 no.11:11-12 N '63. (MIRA 17:1)

SEMLIVANCHIK, Ya.V.; KOLKOTIN, N.M.; FEDULOV, S.V.; MAKAROVA, G.S.;
VOLKOV, Yu.A.; SHITOVA, L.N., red.izd-va; BOROVNIN, N.E.,
tekhn.red.

[Handbook on methods of repairing building machinery]
Instruktsiia po metodam remonta stroitel'nykh mashin. Moskva,
Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam,
1961. 30 p. (MIRA 15:2)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut
organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'-
stvu.

(Building machinery--Maintenance and repair)

The October Revolution and the Victory of Socialism in Central Asia and Kazakhstan. 30-8-21/37

its particular features in the Soviet Republics of Central Asia. Several speakers dealt with the successful emancipation of women.

AVAILABLE: Library of Congress

Card 2/2

MAKAROVA, G. P.

AUTHORS: Makarova, G. P., Savos'ko, V. K., Candidates 30-8-21/37
of Historical Sciences.

TITLE: The October Revolution and the Victory of Socialism in Central Asia and Kazakhstan (Oktyabr'skaya Revolyutsiya i pobeda sotsializma v Sredney Azii i Kazakhstane).

PERIODICAL: Vestnik Akademii Nauk SSSR, 1957, Vol. 27, Nr 8, pp. 91-94 (USSR)

ABSTRACT: This is a report concerning a conference of the Academies of Central Asia which took place at Alma Ata from May 7 - May 11 and was convened at the initiative of the AN USSR. The conference was attended by a number of scientists of the Russian federation and representatives of numerous institutions as guests. The topic discussed was "The Victory of Socialism in Central Asia". Lectures were delivered by representatives of the Kazakhstan, Tadzhikistan, Uzbekistan, Turkmen and Kirgizian Union Republics. Interesting and vivid debates followed. A.V. Pyaskovskiy spoke about "The Idealization and Unnatural Representation of Events of the Revolution". He spoke in favor of sticking to the truth when telling of the events of past history and criticised the methods hitherto adopted by historians. S. B. Baishev spoke about the rules governing the development of socialism and about

Card 1/2

OSTROVSKAYA, L.K., doktor biol. nauk, otv. red.; VLASYUK, P.A., akademik, red.; MANORIK, A.V., kand. biol. nauk, red.; KALININ, F.L., doktor biol. nauk, red.; OKANENKO, A.S., doktor biol. nauk, red.; PROTSENKO, D.F., doktor biol. nauk, red.; SIROCHENKO, I.A., doktor biol. nauk, red.; KAPITANCHUK, V.A., red.; MAKAROVA, G.M., red.

[Complexons as a means against lime-induced chlorosis of plants] Kompleksory kak sredstvo protiv izvestkovogo khloroza rastenii. Kiev, Naukova dumka, 1965. 194 p. (MIRA 18:7)

1. Institut fiziologii rasteniy AN Ukr.SSR (for Ostrovskaya). 2. AN Ukr.SSR (for Vlasyuk).

KONOVALOV, A.G., kand. ekon. nauk; MAKAROVA, G.M., kand. ekon. nauk.

Planning the cost of industrial production and ways to reduce it.
Trudy Khar'. inzh.-ekon. inst. 9:13-36 '57. (MIRA 11:6)
(Costs, Industrial)

~~MAKAROVA, Galina Mikhailovna; AMELIN, O., redaktor; NOVIK, O., tekhnicheskii~~
redaktor:

[Intrafactory cost accounting for machine building plants]
Vnutrizavodskiy hosprozrakhunok na mashynobudivnykh zavodakh.
Kyiv, Dzerzh. vyd-vo tekhn. lit-ry URSR, 1957. 117 p.
(MLRA 10:5)

(Machinery industry--Cost accounting)

AFANAS'YEVA, A.L.... (continued) Card 2.

NIKIFOROV, P.Ye., kand.sel'skokhozyaystvennykh nauk; MENASHEV, M.I.,
lesovod; PERVUSHINA, A.N., agronom; PLOTNIKOV, N.A., kand.biol.nauk;
L.G.; kand.sel'skokhozyaystvennykh nauk; PAVLOV, V.D., kand.tekhn.
nauk; PRUTSKOVA, M.G., kand.sel'skokhozyaystvennykh nauk; GURCHENKO,
V.S., agronom; POPOVA, G.I., kand. sel'skokhozyaystvennykh nauk;
PORTYANKO, A.F., agronom; RUGHKIN, V.N., prof.; RUSHKOVSKIY, T.V.,
agronom; SAVITSKIY, M.S., kand.sel'skokhozyaystvennykh nauk; BOLDIN,
D.T., agronom; NESTEROVA, A.V., agronom; SERAFIMOVICH, L.B., kand.
tekhn.nauk; SMIRNOV, I.N., kand.sel'skokhozyaystvennykh nauk;
SREBRYANSKAYA, P.I., kand.tekhn.nauk; TOKHTUYEV, A.V., kand. sel'sko-
khozyaystvennykh nauk; PAL'KO, O.S., iznh.; FEDYUSHIN, A.V., doktor
biol.nauk; SHEVLYAGIN, A.I., kand.sel'skokhozyaystvennykh nauk;
YUFEROV, V.A., kand.sel'skokhozyaystvennykh nauk; YAKHTENFEL'D, P.A.,
kand.sel'skokhozyaystvennykh nauk; SEMENOVSKIY, A.A., red.; GOR'KOVA,
Z.D., tekhn.red.

[Handbook for Siberian agriculturists] Spravochnaya kniga agronoma
Sibiri. Moskva, Gos. izd-vo sel'khoz. lit-ry. Vol.1. 1957. 964 p.
(Siberia--Agriculture) (MIRA 11:2)

MAKAROVA, G.I.

AFANAS'YEVA, A.L., kand.biol.nauk; BAYERTUYEV, A.A., kand.sel'skokhozyaystvennykh nauk; BAL'CHUGOV, A.V., kand.sel'skokhozyaystvennykh nauk; BILLOZEROVA, N.A., agronom; BILLOZOROV, A.T., kand.sel'skokhozyaystvennykh nauk; MAKSIMENKO, V.P., agronom; BERNIKOV, V.V., doktor sel'skokhozyaystvennykh nauk; BOGOMYAGKOV, S.T., kand.sel'skokhozyaystvennykh nauk; VOLYNETS, O.S., agronom; BODROV, M.S., kand.sel'skokhozyaystvennykh nauk; BOGOSLAVSKIY, V.P., kand.tekhn.nauk; KHRUPPA, I.F., kand.tekhn.nauk; VERNER, A.R., doktor biol.nauk; VOZBUTSKAYA, A.Ye., kand.sel'skokhozyaystvennykh nauk; VOINOV, P.A., kand.sel'skokhozyaystvennykh nauk; VYSOKOS, G.P., kand.biol.nauk; GALDIN, M.V., inzhener-mekhanik; GERASIMOV, S.A., kand.tekhn.nauk; GORSHENIN, K.P., doktor sel'skokhozyaystvennykh nauk; YELENEV, A.V., inzhener-mekhanik; GERASKEVICH, S.V., mekhanik [deceased]; ZHARIKOVA, L.D., kand.sel'skokhozyaystvennykh nauk; ZHEGALOV, I.S., kand.tekhn.nauk; ZIMINA, Ye.A., agronom; BARANOV, V.V., kand.tekhn.nauk; PAVLOV, V.D.; IVANOV, V.K., kand.sel'skokhozyaystvennykh nauk; KAPLAN, S.M., kand.sel'skokhozyaystvennykh nauk; KATIN-YARTSEV, L.V., kand.sel'skokhozyaystvennykh nauk; KOPYRIN, V.I., doktor sel'skokhozyaystvennykh nauk; KOCHERGIN, A.Ye., kand.sel'skokhozyaystvennykh nauk; KOZHEVNIKOV, A.R., kand.sel'skokhozyaystvennykh nauk; KUZNETSOV, I.N., kand.sel'skokhozyaystvennykh nauk; LAMBIN, A.Z., doktor biol.nauk; LEONT'YEV, S.I., kand.sel'skokhozyaystvennykh nauk; MAYBORODA, N.M., kand.sel'skokhozyaystvennykh nauk; MAKAROVA, G.I., kand.sel'skokhozyaystvennykh nauk; MEL'NIKOV, G.A., inzhener; ZHDANOV, B.A., kand.sel'skokhozyaystvennykh nauk; MIKHAYLENKO, M.A., kand.sel'skokhozyaystvennykh nauk; MAGILEVTSEVA, N.A., kand.sel'skokhozyaystvennykh nauk;

(Continued on next card)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500034-6

MAKAROVA, G. I.

"Experimental Creation of Lucerne Varieties for Western Siberia."
Cand Agr Sci, Omsk Agricultural Inst, Omsk, 1953. (RZhBiol, No 1,
Sep 54)

SO: Sum 432, 29 Mar 55

DAVIDOVICH, S.K., kandidat ekonomicheskikh nauk; IL'INOGORSKAYA, M.A.,
inzhener-ekonomist; MAKAROVA, G.I., student-diplomat.

Mass automatic photometry of the workday at the Leningrad
Tire Plant. Trudy LII no.9:37-45 '55. (MLRA 9:9)

1. Leningradskiy shinnyy zavod (for Il'inogorskaya).
(Time study) (Tires, Rubber)

M. A. KAROVA, G. F.

USER.

Effectiveness of the coarsely ground castor oilcake as organic fertilizer. G. P. Makarova (Inst. "Makarach") *Vinodolia i Vinogradovodstvo* 3:3-37, 19, No. 11, 43-44 (1953).--Castor oilcake (I) contains N 5.0, P 2.5, and K 6.2%. I can be effectively used for fertilization of vineyards. Addn. of 2 and 4 tons I/ha. increased the grape yields 47 and 84%, resp., over the control. Still better effect was obtained when I was used in combination with mineral fertilizers, N 20, P₂O₅ 100, and K₂O 50 kg/ha.; yield 20.2 (2 tons I), 35.0 (4 tons I), 28.0 (0 tons I), and 18.8 centners/ha. control); av. wt. of grape bunches 81, 89, 81, and 87 g.; sugar content 33.1, 31.3, 32.3, and 30.1%; and acidity 5.5, 5.0, 5.8, and 5.1 g/l., resp. The highest degree of mineralization (nitrate formation) of I was in the case of the smallest dose. In the soil with a high natural humidity I was used up within 1 year; in other soils a post-effect of I was noticed. B. Wierbicki

MAKAROVA, G.A., kand. veter. nauk; MAYBORODA, A.D., mladshiy nauchnyy
sotrudnik

Streptococcosis in chicks. Veterinariia 42 no.8:47-48
Ag '65. (MIRA 18:11)

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh
preparatov.

MAKAROVA, G.A.

Segregation of the progeny of a *Raphanus sativa* L. X *Brassica oleraceae* L. intergeneric hybrid. *Agrobiologiya* no.6:849-858
N-D '63. (MIRA 17:2)

1. Agrofizicheskiy nauchno-issledovatel'skiy institut,
Leningrad.

6

COUNTRY	: USSR	
CATEGORY	: Cultivated Plants.	M
ABS. JOUR.	: RZhBiol., No. 3, 1959, No. 10932	
AUTHOR	: Makarova, G. A., Grigorova, T. V.	
INST.	: Altay Agricultural Institute.	
TITLE	: Bacterial Inoculation of Corn Seeds When Treating Them with Fungicides.	
ORIG. PUB.	: Tr. Altaysk. s.-kh. in-ta, 1957, vyp 5, 57-62	
ABSTRACT	: The combined use of fungicides (hexachlorane and preparation AB) and bacterial fertilizers (azotobacterin and phosphorobacterin) improved the conditions of growth, reduced the growing period by one to two days, and boosted the yield of corn and the water-holding ability of the leaves.	

RD: 1/1

MAKAROVA, G. A.

"Functional and Morphological Changes in Pavlov's and Heidenhain's Stomach During Experimental Inflammation." Cand Vet Sci, Novochoerkassk Zooveterinary Inst imeni First Cavalry, Moscow Veterinary Academy Min Higher Education, Novochoerkassk, 1954. (KL, No 10, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

L 40179-66 EWT(1)/T JK

ACC NR: AP6029382

(A,N)

SOURCE CODE: UR/0346/66/000/006/0031/0032

AUTHOR: Makarova, G. A. (Candidate of veterinary sciences); Intizarov, M. M.
(Veterinarian)

ORG: none

TITLE: Complications in cattle vaccinated against foot-and-mouth disease

SOURCE: Veterinariya, no. 6, 1966, 31-32

TOPIC TAGS: hoof and mouth disease, vaccine, physiologic parameter, veterinary medicine

ABSTRACT: Five to 10 minutes after being vaccinated against foot-and-mouth disease, 6 out of 556 cows on Put'Lenina kolkhoz in Kolomenskiy Rayon exhibited distinct symptoms of anaphylaxis - restlessness, rapid pulse (108), muscular tremor, hidrosis, salivation, lacrimation, edema of the eyelids, lips, and sex organs, cyanosis of the udder, conjunctivitis, dull heart tones, atony, etc. The animals were then injected subcutaneously with 30 ml (or 15 ml subcutaneously plus 15 ml intravenously) of 1% dimedrol (diphenhydramine hydrochloride) solution. Ten to 15 minutes later salivation and lacrimation as well as the muscular tremors sharply decreased. Respiration gradually became deeper and more regular and the pulse slowed. An hour later the tremors completely ceased, the edemas decreased, peristalsis was restored, and the animals took fodder. The animals that had a less pronounced reaction returned to normal even sooner. The authors concluded from a survey of the literature and their own observations that dimedrol can be used to mitigate the course of an anaphylactic reaction. [JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: none

Card 1/1226P

UDC: 619.616.988.43-06-085.37/636.2

MAKAROVA, G.A.; ARKHIPOVA, G.R.; RAKHIMOVA, A.A.

Prevention of hypogalactia under conditions of a pediatric health center. Kaz.med.zhur. no.1:78-80 Ja-F'63. (MIRA 16:8)

1. Kafedra propedevtiki detskikh bolezney (zav. prof. G.A. Makarova) Kazanskogo meditsinskogo instituta na baze 4-y ob'yedinennoy de'skoy bol'nitsy (glavnyy vrach - R.Kh. Savenkova), Kazan'.

(LACTATION) (BREAST FEEDING)

MAKAROVA, G.A.; SHAKIRZYANOVA, R.M. (Kazan')

All-Russian Congress of Pediatricians. Kaz. med. zhur. 41 no.3:
93-95 My-Je '60. (MIRA 13:9)
(PEDIATRICIANS---CONGRESSES)

MAKAROVA, G.A., doktor meditsinskikh nauk

Mechanism of action of vitamin B₁₂ in chronic disorders of nutrition
in children. Vop. okh. mat. i det. 5 no. 5:26-30 S-O '60.
(MIRA 13:10)

1. Iz kafedry propedevtiki detskikh bolezney (zav. - doktor med.
nauk G.A. Makarova) Kazanskogo meditsinskogo instituta (dir. -
doksent R.A. Vyaselev) i 4-y detskoy bol'nitsy Kazani (glavnyy
vrach Ye.V. Moskvina).
(CYANOCOBALAMINE) (CHILDREN--DISEASES)

MAKAROVA, G.A., doktor med.nauk; NIKIFOROVA, V.N., starshiy laborant

Significance of the urine color sedimentation test with silver nitrate in dysentery in children. Kaz.med.zhur. 40 no.3:32-35 My-Je '59. (MIRA 12:11)

1. Iz kafedry propedevtiki detskikh bolezney (zav. - doktor med. nauk G.A.Makarova) Kazanskogo meditsinskogo instituta, na baze 4-y gorodskoy detskoy bol'nitsy (glavvrach - Ye.V.Moskvina).
(URINE--ANALYSIS AND PATHOLOGY)
(DYSENTERY)

MAKAROVA, Germa Adol'fovna.

Academic degree of Doctor of Medical Sciences, based on her defense, 27 December 1954, in the Council of the Kazan' State Medical Inst, of her dissertation entitled: "Disturbances in Skeleton Growth Under Certain Nutrition Deficiencies."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 13, 4 June 55, Byulleten' MVO SSSR, No. 15, Aug 56, Moscow, pp. 5-24, Uncl. JPRS/NY-537

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U.S. PATENT OFFICE (U.S. PATENT) 137(1) JB

05/0042/65 031/005/0561/0562

U.S. PATENT OFFICE (U.S. PATENT)

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U.S. PATENT OFFICE (U.S. PATENT) 137(1) JB

[JK]

TSATSKA, E.M.; GERASIMOV, V.S.; MAKAROVA, G.A.

Using high-pressure centrifugal ventilator for the purification of gas. *Gidroliz. i lesokhim. prom.* 14 no.8:12-15 '61.

(MIRA 16:11)

1. Leningradskaya lesotekhnicheskaya akademiya im. S.M. Kirova (for Tsatska). 2. Vakhtanskiy kanifol'no-ekstraktsionnyy zavod (for Gerasimov, Makarova).

GANSHIN, A.A.; MAKAROVA, G.A.

Determination of the heat transfer coefficient of heat exchangers under operational plant conditions. *Gidroliz. i lesokhim.prom.* 13 no.7:21-22 '60. (MIRA 13:10)

1. *(Miproleskhim (for Ganshin). 2. Vakhtanskiy kanifol'noekstraktsionnyy zavod (for Makarova).*
(Heat exchangers) (Heat--Transmission) (Wood--Chemistry)

TSATSKA, E.M.;REBANE, Ye.I.;GERASIMOV, V.S.;MAKAROVA, G.A.

Use of a centrifugal blower and tar extractor of the TsKTI-LPI
type for the purification of crude gases. Gidroliz i lesokhim. prom.
12 no.7:19-23 '59 (MIRA 13:3)

1. Leningradskaya lesotekhnicheskaya akademiya (for TSatska, Rebane).
2. Vakhhtanskiy kanifol'no-ekstraktsionnyy zavod (for Gerasimov, Makarova).
(Wood-using industries--Equipment and supplies)
(Gas purification)

MAKAROVA, G. A.

LIVEROVSKIY, A.A.; SHMULEVSKAYA, E.I.; MAKAROVA, G.A.; PODGORSKAYA, L.Ye.

Properties of Vakhtan crude kiln tar (SVTS) and means for its utilization. Gidroliz.i lesokhim.prom.10 no.1:11-13 '57.

(MLRA 10:4)

1.Lesokhimicheskaya akademiya im. S.M.Kirova (for Liverovskiy, Shmulevskaya) 2. Kanifol'no-ekstraktsionnyy zavod "Vakhtan" (for Makarova, Podgorskaya)
(Wood tar)

GERASIMOV, V.S., inzhener; MAKAROVA, G.A., inzhener.

Means for increasing the profitability of power and chemical
equipment. ~~Means for increasing the profitability of power and chemical~~
Gidroliz. i lesokhim. prom. 9 no. 4:29 '56. (MLRA 9:11)

1. Kanifol'no-ekstraktsionnyy zavod "Vakhtan."
(Boilers) (Wood-using industries)

SAL'NIKOV, V.V.; REMPEL', S.I.; MAKAROVA, F.N.; DRUYAN, Ye.A.

Continuous polymerization of vinyl butyl ether using ultrasonic waves. Plast. massy no.8:3-7 '63. (MIRA 16:8)

(Vinyl ether) (Polymerization)
(Ultrasonic waves--Industrial applications)

SAL'NIKOV, V.V.; YUR'YEVA, L.V.; MAKAROVA, F.N.; DRUYAN, Ye.A.

Regeneration of the catalytic properties of palladium black
in an ultrasonic field. Izv. vys. ucheb. zav.; khim. i khim.
tekh. 6 no.3:416-419 '63. (MIRA 16:8)

1. Ural'skiy lesotekhnicheskii institut, kafedra organicheskoy
i fizicheskoy khimii.

(Palladium catalysts)
(Ultrasonic waves--Industrial applications)

ID 17476-63 EWP(j)/EPT(c)/EWP(k)/EWT(1)/EWT(m)/BDS AFETS/ASD Pc-4/
 PR-4/PF-4 RM/WW
 ACCESSION NR: AP004768 8/0191/63/000/008/0003/0007
 74
 AUTHORS: Sal'nikov, V. V.; Rempel, S. I.; Makarova, F. N.; Druyan, Ye. A.
 TITLE: Study of the continuous polymerization of vinyl butyl ether with the use of ultrasonics
 SOURCE: Plasticheskiye massy*, no. 8, 1963, 3-7
 TOPIC TAGS: ultrasonics, vinyl butyl ether, FeCl sub 3
 ABSTRACT: The feasibility of the titled reaction was shown. It was proposed and experimentally verified to divide the polymerization process for vinyl butyl ether (VBE) into stages: mixing (50 sec.), activation (heating to 70C), polymerization (7-10 min.), and aging (70-90 min.). Conditions for each stage were investigated. Use of ultrasonics in mixing stage assures practically instantaneous dispersion of the FeCl₃ catalyst in VBE, and results in more even temperature in the polymerization stage, eliminates characteristic violent foaming and boiling over and promotes higher degree of polymerization of VBE. Orig. art. has: 8 figures and 2 tables.
 ASSOCIATION: none
 SUBMITTED: 00
 SUB CODE: GH, MA, PH
 Card 1/1
 DATE ACQ: 28Aug63
 NO REF SOV: 006
 ENCL: 00
 OTHER: 000

Polymerization of vinyl ...

32399
S/080/62/035/001/012/013
D245/D304

increase of refractive index. The tests showed that the butanol content of the monomer had a considerable effect on polymerization in ultrasonic fields, particularly on the viscosity of the polymer. The maximum polymer viscosity was obtained with a butanol content in the monomer of less than 0.1% and at a temperature of about 20°C. There are 4 figures, 1 table and 4 Soviet-bloc references.

ASSOCIATION: Ural'skiy lesotekhnicheskiy institut (Urals Timber Technical Institute)

SUBMITTED: September 29, 1960

Card 3/3

32399
S/080/62/035/001/012/013
D245/D304

Polymerization of vinyl ...

measuring and plotting the refractive index of the reaction mass. The following stages of polymerization were noted: (1) An induction period of 5 - 15 seconds immediately following the introduction of catalyst. (2) Partial polymerization accompanied by a temperature drop and increasing in proportion to the degree of saturation of the ester by the catalyst, e.g. at temperatures below 30°C, with < 0.4% impurities, partial polymerization resulted in the formation of polymer particles which settled at the base of the reactor. At this state the degree of polymerization was 10 - 25%. The duration of this second stage was between 45 seconds and 5 minutes, depending on the extent of saturation of the monomer by the catalyst. (3) The final stage of total polymerization was reached during saturation of monomer with the catalyst (2.5 - 5.0 mg per 100 ml) and the temperature rose above the boiling point of the ester. (4) A falling-off of polymerization occurred which was characterized by a rapid temperature decrease followed by a slower decrease, the reaction mass being reddish-yellow in color. This stage lasted for about 10 minutes. (5) A period, lasting up to 90 minutes, of polymer stabilization followed, characterized by a gradual and slower

Card 2/3

32399

S/080/62/035/001/012/013
D245/D304

15.8110

AUTHORS: Sal'nikov, V. V., Pan'shina, Z. K., Druyan, Ye. A.,
and Makarova, F. N.

TITLE: Polymerization of vinyl butyl ester in an ultrasonic
field

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no.1, 1962, 214-217

TEXT: Satisfactory polymerization of vinyl butyl ester depends on instantaneous distribution of a small (0.005 %) proportion of a catalyst in the monomer. The authors studied the use of a low-power ultrasonic field generated by a magnetostrictive emitter, with a vibration frequency of 24 kc/s. The tests were carried out in 50 and 100 ml glass vessels enclosed in a water jacket with the temperature thermostatically controlled. The monomer was prepared by Shostakovskiy's method (Ref. 4: Izd. AN SSSR, M, 1952). The catalyst was fed to the monomer in doses of 0.005 - 0.010 ml with the ultrasonic field operating. A 5% butanol solution of FeCl_3 was used as catalyst. Progress of the polymerization was followed by

Card 1/ 3

SAL'NIKOV, V.V.; DRUYAN, Ye.A.; MAKAROVA, F.N.

Part played by ferric chloride in the polymerization of vinyl
butyl ether. Vysokom.soced. 3 no.11:1730-1733 N '61. (MIRA 14:11)

1. Ural'skiy lesotekhnicheskii institut.
(Ethers) (Polymerization)

Metal device...

S/263/62/000/007/009/014
1007/1207

(cocks and pipes). All components, except the capillary tube, the reading tubes and the vacuum gage, are made of steel or brass. Prior to the determination, the device is completely sealed up, and then the rheometer capillary tube is graduated; a weighed powder sample is introduced in uniform layers in the boat and compacted by means of a special press. The height of the powder layer is measured by means of a vernier gage; the boat then is put into the chamber where a vacuum of the order of 10^{-1} to 10^{-2} mm Hg is produced. An air stream is blown through the sample at a definite flowrate h_r . The pressure drop h_d is then measured. The device (weighing 8 kg) is extremely sturdy and may be used in a wide field of measurements (of carbon black, sugar, lacquers, sintered carbide production, etc). The accuracy of measurements is about 5%. Duration of a single determination is 20 min. There are 6 figures and 8 references.

[Abstracter's note: Complete translation.]

Card 2/2

S/263/62/000/007/009/014
1007/1207

AUTHORS: Deryagin, B. V., Zakhavayeva, N. N., Talayev, M. V., Parfanovich, B. N. and Mukarova, E. V.

TITLE: Metal device for determining the specific surface of powder and porous bodies

PERIODICAL: Referativnyy zhurnal, ot del'nyy vypusk. Ismeritel'naya tekhnika, no. 7, 1962, 26-27, abstract 32.7.175. Collection "Issled. v obl. poverkhnostn. sil". M., AS USSR, 1961, 190-196

TEXT: The 'IFKh SSSR' has designed a device for determining the specific surface of porous bodies, working on the principle of filtration of highly rarified gas under molecular flow conditions. The filtration theory developed by B. V. Deryagin made it possible to derive the formula for determining the specific surface S_0 in m^2/g :

$$S_0 = k \frac{\delta^2 h_d}{h_r \cdot F}$$

where k = the constant of the device; δ = degree of porosity; h_d = pressure drop within the sample; h_r = rheometer readings; F = mass of sample, in g. The device comprises a capillary-type rheometer, a pressure-difference gage, a vacuum chamber for the boat, with a porous baffle plate and a sealing cover and fittings

Card 1/2

BLAGOVESHCHENSKAYA, N.S.; DUBOVY, A.B.; NIKITIN, D.P.; PETROV,
P.S., kand.ekon. nauk; MAKAROVA, E.A., red.

[Trade-union mass work to encourage production] Proizvod-
stvenno-massovaya rabota professional'nykh soiuzov;
uchebnoe posobie. Moskva, Profizdat, 1965. 222 p.
(MIRA 18:7)

1. Moscow. Vysshaya shkola professional'nogo dvizheniya.
2. Zaveduyushchiy kafedroy profsoyuznogo stroitel'stva
Moskovskoy vysshey shkoly professional'nogo dvizheniya
(for Petrov).

ARZAMOV, Andrey Ivanovich; KUZNETSOV, Ivan Fedorovich, inzh.-
issledovatel'; MAKAROVA, E.A., red.

[Trade-union work in a communist labor workshop] Profsoiuz-
naia rabota v tseke kommunisticheskogo truda. Moskva, Prof-
izdat, 1965. 94 p. (MIRA 18:8)

1. Sekretar' Vostochno-Kazakhstanskogo oblastnogo komiteta
profsoyuza rabochikh metallurgicheskoy promyshlennosti (for
Arzamov). 2. Ust'-Kamenogorskiy svintsovo-tsinkovyy kombinat
imeni V.I.Lenina (for Kuznetsov).

PAVLOVA, L.M.; MAKAROVA, E.A., red.; ZAYTSEVA, L.A., tekhn.red.

[Public participation in trade-union work; collected
articles] Obshchestvennye nachala v profsoiuznoi rabote;
sbornik statei. Moskva, Profizdat, 1963. 205 p.
(MIRA 17:3)

ZAGORUL'KIN, Vasilii Afanas'yevich; MAKAROVA, E.A., red.;
KOROBKOVA, N.D., tekhn. red.

[Regular production conferences] Postoianno deistvuiushchie
proizvodstvennye soveshchaniia. Moskva, Profizdat, 1963.
93 p. (Bibliotekha profsoiuznogo aktivista, no.21(69))
(MIRA 17:1)

UMANETS, Pavel Vasil'yevich; MAKAROVA, E.A., red.; ZAYTSEVA, L.A.,
tekhn.red.

[Workers analyze the results of the enterprise's adminis-
trative operations] Rabochie analiziruiut itogi khoziaistven-
noi deiatel'nosti predpriatiia. Moskva, Profizdat, 1963.
70 p. (MIRA 17:1)

KHLEBTSEVICH, Aleksey Ivanovich; IVANOV, Aleksey Yefimovich;
ROMANOV, Ivan Ivanovich; MAKAROVA, E.A., red.; ANDREYEVA,
L.S., tekhn. red.

[Public office of technical information] Obshchestvennoe
biuro tekhnicheskoi informatsii. Moskva, Profizdat, 1963.
44 p. (MIRA 16:9)

(Technology--Information services)

MISHCHENKO, Vladimir Il'ich; MAKAROVA, E.A., red.; ZAYTSEVA, L.A.,
tekh. red.

[Planning efficiency promotion work in enterprises] Plani-
rovanie ratsionalizatorskoi raboty na predpriatiakh. Mo-
skva, Profizdat, 1963. 60 p. (MIRA 16:9)
(Technological innovations) (Suggestion systems)

ZYUZIN, Grigoriy Vasil'yevich; NOZDRIN, Ivan Tikhonovich; MAKAROVA,
E.A., red.; ANDREYEVA, L.S., tekhn. red.

[Wages in the construction industry] Oplata truda v stroitel'-
stvu. Moskva, Profizdat, 1962. 175 p. (MIRA 16:4)
(Wages--Construction workers)

GRITSAY, Vasilii Ivanovich; FROLOV, Viktor Aleksandrovich;
MAKAROVA, E.A., red.; ARANOVICH, V.G., tekhn. red.

[Plant research institute staffed with workers] Obshchestven-
nyi nauchno-issledovatel'skii institut na zavode. Moskva,
Profizdat, 1962. 71 p. (MIRA 16:6)

1. Chlen Tsentral'nogo pravleniya Vsesoyuznogo khimicheskogo
obshchestva im. D.I. Mendeleyeva (for Frolov).
(Omsk--Tires, Rubber--Technological innovations)
(Research, Industrial)

MAKAROVA, E.A.

Fight for the title of "Enterprise of High Sanitary Culture."
Zdrav. Bel. 8 no.4:54-55 Ap '62. (MIRA 15:6)

1. Predsedatel' pervichnoy organizatsii Krasnogo Kresta
Grodzenskoy sigaretno-fermentatsionnoy fabriki.
(INDUSTRIAL HYGIENE)

ZAGORUL'KIN, Vasilii Afanas'yevich; MEN'KO, Pavel Aleksandrovich;
PEREFELKIN, Dmitriy Fedorovich; MAKAROVA, E.A., red.;
SHIKIN, S.T., tekhn. red.

[Permanent production councils] Postoianno deistvuiushchie
proizvodstvennye soveshchaniia. 2., perer. izd. Moskva,
Profizdat, 1961. 63 p. (Biblioteka profsoiuznogo akti-
vista, no.3) (MIRA 16:4)
(Industrial management) (Agricultural administration)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500034-6

LUK'YANCHENKO, V.D.; GARTSMAN, I.N.; MAKAROVA, D.V.

Forecasts of spring ice phenomena in the basin of the Amur.
Sbor. nauch. rab. DVNIIS no.3:135-145 '62. (MIRA 17:5)

MAKAROVA, A.Ya., brigadir elektromonterov, Geroy Sotsialisticheskogo
Truda, delegat XII s"yezda profsoyuzov SSSR.

Advance without fear. Okhr.truda i sots.strakh. no.3:25-26
Mr '59. (MIRA 12:4)

1. Trud "Mosenergomontazh" No.1.
(Moscow---Construction industry--Efficiency, Industrial)

MAKAROVA, A.YA.

MAKAROVA, A.Ya., brigadir elektromontazhnikov, Goroy Sotsialisticheskogo
~~1. Mida.~~

Industrial installing of electric wiring. Gor. khoz. Mosk. 31
no. 4:38-40 Ap '57. (MLRA 10:6)

(Electric wiring)

MAKAROVA, A.Ya

ROGINSKIY, Vadim Nikolayevich; KHARKEVICH, Anatoliy Dem'hanovich; POVAROV, G.N., redaktor; MAKAROVA, A.Ya., redaktor; SOKOLOVA, R. Ya, tekhnicheskiiy redaktor.

[Telephone relay systems] Releinye skhemy v telefonii. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1955. 165 p. (MLRA 8:8)
(Telephone) (Electric relay)

ACC NR: AP7001231

phase of a reactor for 1740 hr, except for Kh25T steel, were somewhat higher (OKh21NST 0.073 mm/yr, 1Kh21N5T 0.08 mm/yr, Kh25T 0.026 mm/yr, OKh17T 0.058 mm/yr, Kh18N10T 0.08 mm/yr) but also corresponded to the corrosion rates of stable materials too. Laboratory tests of welded specimens showed that the corrosion of base and weld metal proceeded uniformly. Argon-arc welds of Kh25T and OKh17T steels made with filler of the welded metal under industrial conditions had no visible seams. Intensive corrosion of weld metal occurred in specimens of Kh25T steel welded with KB-3M and E-3B electrodes and Kh25N13 filler. Metallographic examination showed that intergranular corrosion occurred in the weld-adjacent zone of OKh17T steel specimens welded with a VI-12-6 electrode and OKh18N9 filler wire. Corrosion tests of low-nickel and nickel-free steels in a reactor medium showed that OKh21N5T, 1Kh21N5T, Kh25T, and OKh17T steels are more corrosion resistant than Kh18N10T steel. Erosion tests, performed in a special installation for 20 hr in a 60% NH_4NO_3 solution with 10% sand at 60C, showed that Kh25T, OKh17T, and OKh21N5T steels have higher erosion stability than Kh18N10T steel. Based on the experiments, a pilot reactor was built of OKh17T sheet steel, 5 mm thick, arc-welded with a TsL-11 electrode and Kh5N10T filler. During a 1.5 year test, no defects were revealed by visual inspection. Orig. art. has: 1 figure

SUB CODE: 11/ SUBM DATE: none

Card 2/2

ACC NR: AP7001231

(N)

SOURCE CODE: UR/0314/66/000/012/0020/0021

AUTHOR: Makarova, A. V. (Engineer); Malakhova, E. K. (Engineer)

ORG: none

TITLE: Corrosion resistance of low-nickel and nickelfree steels used in the production of complex fertilizers and ammonium nitrate

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 12, 1966, 20-21

TOPIC TAGS: chemical production, ammonium nitrate, chemical plant equipment, fertilizer, ammonium nitrate, low nickel steel, chromium steel, corrosion resistant steel/Kh18N10T steel, Kh25T steel, OKh17T steel, OKh21NST steel, 1Kh21NST steel.

ABSTRACT: Chromium steels Kh25T and 0 h17T and low-nickel steels 0 h21N5T and 1Kh21N5t have been investigated as substitutes for Kh18N10T steel used for equipment in ammonium-nitrate production. The corrosion rates for specimens tested in a mixture of nitric acid (450 g/l), phosphorous acid (300 g/l), and hydrofluoric acid (1 cm³/C) at 60C for 100 hr were practically the same (0.035 mm/yr for OKh21NST, 0.049 mm/yr for 1Kh21N5T, 0.026 mm/yr for Kh25T, 0.04 mm/yr for OKh17T, and 0.035 mm/yr for Kh18N10T) and corresponded to the corrosion rates of stable materials. The corrosion rates of steels tested in the liquid

Card 1/2

UDC: 669.15'26-194:631.81

GORBUNOVA, N.A., kand. sel'skokhoz. nauk; ISLAMOV, I.I., kand. med.
nauk; MAKAROVA, A.V., assistant

Effect of vaccination against brucellosis on blood proteins
and protein fractions. Veterinariia 38 no.9:27-29 S '61.
(MIRA 16:8)

1. Tadzhikskiy sel'skokhozyaystvennyy institut.

MAKAROVA, A. V., GORBUNOVA, N. A., and ISLAMOV, I.I. (Assistant, Tadzhik
Institute, ~~Candidate of Agricultural Sciences, Candidate of Medical Sciences~~)

The effect of antobrucellosis vaccination on albumin and albumin blood
fractions.

Veterinariya vol. 38, no. 9, September 1961, pp. 27.

Makarova - Asst. Tadzhik Agri. Inst.

MAKAROVA, A.T.

Country : USSR

Category : CULTIVATED PLANTS. FRUITS. Berries.

M

Abs. Jour. : FEZKHUR-BICL, 21, 1958, NO-96138

Author : Makl, M.D.; Makarova, A.T.

Instit. : Institute of Horticulture, Viticulture

Title : Shoot and Root Growth Dynamics in the Almond Growing under Irrigational Conditions in the Gissar Valley

Orig. Pub. : Byul. Nauchno-tekhn. inform. Tadzhik. - i. in-t sadovodstva, zinneraderstva i subtrop. kul'tur, 1957, vyp. 1, 54-57.

Abstract : Observations made on the almond varieties Mislet (early flowering), Faraki-Glashi (mid-season flowering) and Ispahado (late flowering) have demonstrated that the most active root and shoot growth occurred during the early spring period. Root and shoot growth was observed from the end of October to February.

* ture and Subtropical Cultures

Card: 1/1

MAKAROVA, A. P.

USSR/Mathematics - Invariants

Jul/Aug 53

Surface Flexure

"Investigating the Whole-Number Invariant N of Binary Forms of Degree $n > 4$," A. P. Makarova, Rostov-on-Don

Mat Sbor, Vol 33 (75), No 1, pp 233-240

Studies the integral-number invariant $N(F)$ of homogeneous forms $F(n)(x,y)$ of degree greater than 4, which is defined as follows: Let there be given a homogeneous form $F(n)(x,y)$ of degree n and let $F(x,y)$ be an arbitrary homogeneous form of degree $m > n$. If from the identity $F^{m-n} F^n = 0$ it (1)

271T92

follows that $N=0$ for $m=n+1, n+2, \dots, n+h$, but there exists a form $F \neq 0$ of degree $m=n+h+1$ satisfying the identity, then the invariant is $N(F)=h$; if $N=0$ for all $m > n$, then the invariant is $N=\infty$. Notes that the invariant $N(F)$ was introduced by N. V. Yefimov in the determination of the order of relative non-flexibility of surfaces ("Qualitative Problems of the Theory of Surfaces Deformations in the Small," Trudy Mat In-ta im Steklova, Vol 30 (1949)). Especially interesting are forms for which $N=\infty$, since the existence of such forms implies the existence of analytical surfaces that do not admit, even in the small, continuous flexures among the class of analytical surfaces.

(2)

271T92

The existence of such forms for $N=\infty$ was shown for the case $n=9$ by N. V. Yefimov. Presented 14 Dec 52.

KUZNETSOV, Yu.A.; MAKAROV, A.A.; MELENT'YEV, L.A.; MERENKOV, A.P.; NEKRASOV, A.S.; TSVETKOV, N.I.; KUZNETSOV, Yu.A.; MAKAROVA, A.S.; KARPOV, V.G.; MANSUROV, Yu.V.; SYROV, Yu.P.; KHRILEV, L.S.; TSVETKOVA, L.A.; VOYTSEKHOVSKAYA, G.V.; YEFIMOV, N.T.; LEVENTAL', G.B.; KHANAYEV, V.A.; BELYAYEV, L.S.; GAMN, A.Z.; KARTELEV, B.G.; KRUMM, L.A.; LIPO, T.N.; SVIRKUNOV, N.N.; DRUZHININ, I.P.; KONOVALENKO, Z.P.; KHAM'YANOVA, N.V.; SHVARTSBERG, A.I.; NIKONOV, A.P.; STARIKOV, L.A.; POPIRIN, L.S.; PSHENICHNOV, N.N.; TROSHINA, G.M.; CHEL'TSOV, M.B.; SVETLOV, K.S.; SUMAROKOV, S.V.; TAKAYSHVILI, M.K.; TOLMACHEVA, N.I.; KHASILEV, V.Ya.; KOSHELEV, A.A.; KUDINOVA, L.I., red.

[Methods for using electronic computers in the optimization of power engineering calculations] Metody primeneniia elektronno-vychislitel'nykh mashin pri optimizatsii energeticheskikh raschetov. Moskva, Nauka, 1964. 318 p.

(MIRA 17:11)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Energeticheskii institut. 2. Chlen-korrespondent AN SSSR (for Melent'yev).

PLAKSIN, S. A., MAKAROVA, A. S.

Textile Finishing

Washing out printed cloth, Tekst. prom. No. 5, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS. Library of Congress, August 1952. UNCLASSIFIED.

69158

S/139/59/000/06/015/034

E032/E114

Measurement of the Electron Temperature and Concentration in a Mercury Discharge

increases from 1.6 to $18.5 \times 10^{10} \text{ cm}^{-3}$ when the discharge current is changed from 5 to 50 mamp. It is concluded that experimental data suggest that stepwise excitation of levels is the main process in the excitation of atoms in mercury discharges. This deduction is made on the basis of a comparison between measured values of the intensity of spectral lines excited in mercury discharge with Fabrikant's formula. Typical electron temperature and concentration curves are given in Figs 1, 2 and 3. Acknowledgements are made to Professor N.A. Prilezhayeva and Ir. L.P. Seminova.

There are 3 figures, 1 table and 6 references, of which 1 is German and 5 are Soviet.

ASSOCIATION: Sibirskiy fiziko-tekhnicheskii institut pri Tomskiy gosuniversitete imeni V.V. Kuybysheva
(Siberian Physico-Technical Institute at Tomsk State University imeni V.V. Kuybyshev)

Card 2/2

SUBMITTED: February 7, 1959

69158

3/139/59/000/06/015/034

E032/E114

24.6200

AUTHORS: Vilenskaya, T.V., Makarova, A.S.

TITLE: Measurement of the Electron Temperature and Concentration
in a Mercury Discharge

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika,
1959, Nr 6, pp 102-108 (USSR)

ABSTRACT: The present work is a continuation of Ref 1. Probe measurements are reported of the electron temperature and concentration in the pressure range 0.01-25 mm Hg. Optical measurements have previously been carried out in this interval. The discharge tube employed was described in Ref 1. A probe was introduced (7 mm long, 0.2 mm in diameter) into the middle part of the discharge tube which had a diameter of 8 mm. The electron concentration was measured by the method described by Kagan (Refs 2, 3, 4). The temperature was calculated from Eq (3). It was found that the electron temperature at constant discharge current decreases from 19 000 to 15 900 °K, and the electron concentration increases from 2 to 18.4×10^{10} cm⁻³, in the pressure range 0.01-25 mm Hg. At a pressure of 0.01 mm Hg the electron temperature falls from 22 000 to 15 500 °K and the electron concentration rapidly

Card
1/2

MAKARGVA, A.S., inzh.; MAKAROV, A.A., inzh.

Mathematical model for planning the perspective development of
a power system. Elek. sta. 35 no.5:55-59 My '64.
(MIRA 17:8)

IVANOV, K.P.; MAKAROVA, A.R.; NASLEDOVA, N.I.; RUTTENBURG, S.O.; CHUSOV, Yu.N.

Physiological shifts in the human organism due to repeated
cooling. Opyt izuch. reg. fiziol. funk. 6:199-204 '63
(MIRA 17:3)

1. Laboratoriya ekologicheskoy fiziologii (zav. - prof. A.D. Slonim) Instituta fiziologii imeni Pavlova AN SSSR i gruppa fiziologii truda (rukovoditel' - S.O. Ruttenburg) Instituta gigieny truda i professional'nykh zabolevaniy (dir. Z.E. Grigor'yev).

MAKAROVA, A.R.

Study of the physiology of moose. Opyt izuch. reg. fiziol. funk.
6:158-162 '63 (MIRA 17:3)

1. Laboratoriya ekologicheskoy fiziologii (zav. - prof. A.D.
Slonim) Instituta fiziologii imeni Pavlova AN SSSR i loseferma
Pechero-Ilychskogo zapovednika (zav. - Ye.P.Knorre).

MAKAROVA, A.P.; IVANOV, K.P.

Acclimatization of lowland sheep to mountain conditions of the
Northern Caucasus. Opyt izuch.reg.fiziol.funk. 4:66-70 '58.

(MIRA 12:4)

1. Laboratoriya ekologicheskoy fiziologii (zaveduyushchiy - prof.
A.D. Slonim) Instituta fiziologii imeni I.P. Pavlova AN SSSR.

(SHEEP--PHYSIOLOGY)

(ALTITUDE, INFLUENCE OF)

MAKAROVA, A.R.

Physiological characteristics of grazing of sheep. Opyt izuch.
reg.fiziol.funk. 4:36-43 '58. (MIRA 12:4)

1. Laboratoriya ekologicheskoy fiziologii (zaveduyushchiy - prof.
A.D. Slonim) Instituta fiziologii imeni I.P. Pavlova AN SSSR.
(SHEEP--PHYSIOLOGY) (GRAZING)

MAKAROVA, A.R.; SEGAL', A.N.

Physiological characteristics of grazing of reindeer in winter.
Opyt izuch.reg.fiziol.funk. 4:29-35 '58. (MIRA 12:4)

1. Laboratoriya ekologicheskoy fiziologii (zaveduyushchiy - prof.
A.D. Slonim) Instituta fiziologii imeni I.P. Pavlova AN SSSR i
Institut biologii Karel'skogo filiala AN SSSR (direktor - prof.
Yu.I. Polyanskiy).

(REINDEER)

(GRAZING)

MAKAROVA, A.R.

EXCERPTA MEDICA Sec.2 Vol.9/9 Physiology, etc. Sept 56

4154. MAKAROVA A.R. Lab. of Ecol. Physiol., 'I. P. Pavlov' Inst. of Physiol., AN, Leningrad, USSR. *Course of the reflex phase in the specific dynamic action of food (Russian text) FIZIOL. Z. 1956, 42/2 (225-231) Graphs 5

In 2 dogs with gastric fistula, maintained on milk, feeding with 200 g. meat produces a strong SDA, reaching the greatest increase of oxygen consumption 5 to 6 hr. after feeding. Sham feeding with 200 g. meat produces a SDA similar in magnitude and time course, with the maximum increase of O₂ consumption 5 to 7 hr. after feeding, after only 4 repeats (conditioned reflex). Ingestion of meat into the stomach through the fistula increases the O₂ consumption, the maximum being attained after 6 to 8 hr. but the increase during the first hours after ingestion is insignificant.

Simonson - Minneapolis, Minn.

MAKAROVA, A.R.

Interrelations between gas exchange and skin temperature in sheep
at various surrounding temperatures. Trudy Inst.fiziol. 4:192-197
'55. (MLRA 9:4)

1.Laboratoriya ekologicheskoy fiziologii.Zaveduyushchiy A.D.Slonim.
(Animal heat)(Temperature---Physiological effect)(Respiration)

Makarova, A.R.

LIBERMAN, V.B.; MAKAROVA, A.R.; SMIRNOV, K.M.; TRUBITSYNA, G.A.

Gas exchange during restoration following brief but very intensive physical exercise. Opyt izuch.reg.fiziol.funk. no.3:311-322 '54.
(MIRA 8:12)

1. Laboratoriya ekologicheskoy fiziologii Instituta fiziologii imeni I.P.Pavlova Akademii nauk SSSR i Leningrasskii nauchno-issledovatel'skiy institut fizicheskoy kul'tury
(RESPIRATION) (EXERCISE)

MAKAROVA, A. R.

Dissertation: "The Effect of Food Intake and Diets on Gas Metabolism." Cand Biol
Sci, Inst of Physiology imeni I. P. Pavlov, Acad Sci USSR, Moscow, Oct-Dec 53.
(Vestnik Akademii Nauk, Moscow, Jun 54)

SO: SUM 318, 23 Dec. 1954

MAKAROVA, A. R.

Slonim, A.D. and Makarova, A.R. "Gas exchange under various food rations and specific dynamic activity of food in monkeys", Trudy Sukhum. biol. stantsii Akad. med. nauk SSSR, Vol. 1, 1949, p. 22-29.

SO: U-4393, 19 August 53, (Letopis 'Zhunal'nykh Statey', No. 22, 1949).

ACCESSION NR: AR3000540

a hand wheel. Over the pressure chamber, having an effective volume of about 1 ml, is fitted an electric furnace. As examples of the utilization of this apparatus, which the author has called an "exoclave", results are described of experiments on conversion of ferrous magnesium amphibole to alkali amphibole, on solubility of cassiterite in water, and on making of albite by metamorphism of quartzose-biotitic schist. -- A. Likhter

DATE ACQ: 24 May 63

ENCL: 00

SUB CODE: 00

Card 2/2

ACCESSION NR: AR3000540

S/0061/63/000/007/0145/0145

SOURCE: RZh Khimiya, Abs. 7d17

AUTHOR: Syromyatnikov, F. V.; Ivanov, I. P.; Makarova, A. P.

TITLE: New design of an exoclave and its possibilities in experiments conducted under conditions of closed and open systems at a temperature of up to 800-1000C and pressure up to 1000-1200 kg/cm^{sup 2}

CITED SOURCE: Sb. Eksperim. issled. v obl. glubinykh protsessov. M. AN SSSR, 1962, 150-159

TOPIC TAGS: exoclave; rocks at high temperature and pressure; amphibole; cassiterite; albite

TRANSLATION: To study the behavior of rocks at pressures up to 1-2000 atmosphere [lat] and temperatures up to 800°, a pressure chamber has been developed in conjunction with a press actuated by a worm gear and

Card 1/2

RIZOV, Z.M.; TODES, O.M.; MAKAROVA, A.P.

Drying of a moist charge with hot and cold air. Inzh.-fiz.
zhur. 6 no.9:10-17 S '63. (MIRA 16:8)

MAKAROVA, A.P., kand.med.nauk

Clinical course of sepsis in children during the first months of life. Vop. okh. mat. i det. 7 no.1:21-28 Ja '62. (MIRA 15:3)

1. Iz kafedry fakul'tetskoy pediatrii (zav. - dotsent A.A. Valentinovich) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - kand.med.nauk Ye.P. Semenova)
(STAPHYLOCOCCAL DISEASE)
(INFANTS--DISEASES)

MAKAROVA, A.P., kand.med.nauk

Soluble proteins in the feces of children with chronic disorders of nutrition. Vop. okh. mat. i det. 5 no. 5:31-36 S-0 '60.
(MIRA 13:10)

1. Iz kafedry fakul'tetskoy pediatrii (zav. - deystvitel'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki prof. M.S. Maslov) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - prof. N.T. Shutova).

(CHILDREN--DISEASES) (PROTEIN METABOLISM)

MAKAROVA, A.P.

Fluctuations in soluble proteins in the feces of children with chronic nutritional disorders. [with summary in English]. *Pediatrics* 36 no.5:39-44 My'58 (MIRA 11:6)

1. Iz kafedry fakul'tetskoy pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof. M.S. Maslov) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - prof. N.T. Shutova).
(PROTEIN METABOLISM)